



Dart Aerospace Ltd.
1270 Aberdeen St
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Canada

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D206-642-411
Job Sheet 189021



Part No: D206-642-411

Job Qty: 1 ea

Part Name: Skidtube LH, High Gear with Standard Wearplates



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/17/19

Job Tracking No:

Due Date: 1/30/19

Created By: Jesse White

Type: SOLD

Description:

Note: DWG REV Q SHEETS 31-32 IPP Rev:K 05.10.11 Revised picklist per CHG004 KJ/CP/JLM IPP Rev:L 07-12-04 ECN 1080p DD verified by:ec IPP rev:M 08-09-29 as per DS19421 DD verified by: IPP Rev:N 12.11.21 ECN12-679 DD verf:JLM IPP REV:O 14.04.25 AS PER ECN14-520 DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	1/30/19	1/30/19	0.00	0.00	Start Up Stores/Pkg-1		JAN 18 2019
110	Packaging	1 pcs	1/30/19	1/30/19	0.00	0.00	Packaging1-2		JAN 29 2019
120	QC	1 pcs	1/30/19	1/30/19	0.00	0.00	QC4		JAN 29 2019
130	Packaging	1 pcs	1/30/19	1/30/19	0.00	0.00	Packaging3-1		JAN 29 2019
135	DC	1 pcs	1/30/19	1/30/19	0.00	0.00	DC		JAN 29 2019
140	QC21-FG	1 Ea	1/30/19	1/30/19	0.00	0.00	QC21		JAN 29 2019

Part Op 130 - Identify and pack for shipping as per PPP D206-642-411 Location :FG083

Descriptions: 135 - Photocopy bluefile and create labels per PPP D206-642-411 CHG008

DART AEROSPACE

Container No: S145955

Part: D206-642-411

Job No: 189021

Serial No/Batch: S145955

Revision:

Inspector:

Exp Date:

Instructions: TC STC SH98-4 Issue 2, FAA, STC SA00475SE 15/10/28, EASA S

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐		FAULT CATEGORY Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐			
Other/Details:					

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-41A	Bolt	8 Ea (8 ea)	90-Start up Operation	5133784
AN4-6A	Bolt	12 Ea (12 ea)	90-Start up Operation	5058940
AN4C5A	Bolt	1 Ea (1 ea)	90-Start up Operation	5057496-1
AN5-11A	Bolt	8 Ea (8 ea)	90-Start up Operation	5003927
AN5-12A	Bolt	4 Ea (4 ea)	90-Start up Operation	5003926
AN5-13A	Bolt	4 Ea (4 ea)	90-Start up Operation	5054115
D206-642-441	Replacement Skidtube, High Gear with Standard Wearplates Fits LH or RH	1 pcs (1 ea)	90-Start up Operation	B163163
D206-648-013	Ground Handling Wheel Modification	1 pcs (1 ea)	90-Start up Operation	5088475
D2652	Bushing	16 Ea (16 ea)	90-Start up Operation	5137519
D2712	Set Screw	10 pcs (10 ea)	90-Start up Operation	5059551
D2932-1	Saddle LH Out, 206	1 pcs (1 ea)	90-Start up Operation	5096738
D2933-1	Saddle LH In, 206	1 pcs (1 ea)	90-Start up Operation	5099254
D2934	Saddle Spacer	2 pcs (2 ea)	90-Start up Operation	5054584
D2935	Saddle Spacer	2 pcs (2 ea)	90-Start up Operation	5054582
D2938-1	Saddle LH Out, 206	1 pcs (1 ea)	90-Start up Operation	5097292
D2939-1	Saddle LH In, 206	1 pcs (1 ea)	90-Start up Operation	5099301
D3407-043	Tow Ring	1 pcs (1 ea)	90-Start up Operation	5059286
D3413-1	O-Ring	1 pcs (1 ea)	90-Start up Operation	F165886
D3456-1	Washer	1 pcs (1 ea)	90-Start up Operation	5079335
D3457-1	Washer	2 pcs (2 ea)	90-Start up Operation	5088582
MS21042L3	Nut	8 Ea (8 ea)	90-Start up Operation	5132364
MS21042L4	Nut	12 Ea (12 ea)	90-Start up Operation	5132396
MS21043-4	Nut	1 Ea (1 ea)	90-Start up Operation	5119223
NAS1149C0463R Washer		1 Ea (1 ea)	90-Start up Operation	5124667
NAS1149D0363J Washer		8 Ea (8 ea)	90-Start up Operation	5123436
NAS1149D0463J Washer		24 Ea (24 ea)	90-Start up Operation	5130345
NAS1149D0563J Washer		8 Ea (8 ea)	90-Start up Operation	5123450

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread		FAULT CATEGORY		Other/Details:	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN3-41A	8	127	0
	AN4-6A	12	647	0
	AN4C5A	1	44	0
	AN5-11A	8	219	0
	AN5-12A	4	338	0
	AN5-13A	4	44	0
	D206-642-441	1	1	0
	D206-648-013	1	2	0
	D2652	16	378	0
	D2712	10	603	0
	D2932-1	1	4	0
	D2933-1	1	3	0
	D2934	2	47	0
	D2935	2	50	0
	D2938-1	1	4	0
	D2939-1	1	3	0
	D3407-043	1	10	0
	D3413-1	1	45	0
	D3456-1	1	178	0
	D3457-1	2	33	0
	MS21042L3	8	2,207	0
	MS21042L4	12	1,763	0
	MS21043-4	1	1,263	0
	NAS1149C0463R	1	453	0
	NAS1149D0363J	8	1,181	0
	NAS1149D0463J	24	2,963	0
	NAS1149D0563J	8	1,094	0

Part Specifications

Specifications could not be found.

Plex 1/17/19 12:56 PM dart.white.jesse

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042) _____	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					

4.6 206L/L-1/L-3/L-4 HIGH GEAR SKIDTUBES

ITEM	QTY -411	QTY -412	QTY -413	QTY -414	QTY -441	QTY -457	QTY -449	QTY -451	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-411	SKIDTUBE INSTALLATION, LH
		X								D206-642-412	SKIDTUBE INSTALLATION, RH
			X							D206-642-413	SKIDTUBE INSTALLATION, LH
				X						D206-642-414	SKIDTUBE INSTALLATION, RH
	1	1			X					D206-642-441	SKIDTUBE
						X				D206-642-457	WEARSHOE KIT (REPLACES -447)
							X			D206-642-449	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-451	SKIDTUBE
	1	1	1	1					X	D206-648-013	GROUND HANDLING KIT
1					1					D2650-7	SKIDTUBE ASSEMBLY
1								1		D4361-043	SKIDTUBE ASSEMBLY
2A					22			10		D2651-1	* PLUG ⁽¹⁾
2B					22			10		D2651-3	* O-RING ⁽¹⁾
3					1			1		D2646	* AFT CAP ⁽¹⁾
4					2			2		MS27039-1-08	* SCREW ⁽¹⁾
5					2			2		NAS1149D0332J	* WASHER ⁽¹⁾ (OR AN960JD10L)
6	1		1							D2932-1	SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3-41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21042-3	NUT (OR MS21042L3)
12B	8	8	8	8						NAS1149D0363J	WASHER (OR AN960JD10)
13	4	4	4	4						AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
14	4	4	4	4						AN5-11A (OR AN5-13A)	* BOLT ⁽²⁾
15	8	8	8	8						NAS1149D0563J	WASHER (OR AN960JD516)
16	12	12	12	12						AN4-6A	BOLT
17	24	24	24	24						NAS1149D0463J	WASHER (OR AN960JD416)
18	12	12	12	12						MS21042-4	NUT (OR MS21042L4)
20A					6	6				D3537-1	WEARPAD (REPLACES D2648-3)
21A					1	1				D3537-3	WEARPAD (REPLACES D3429-1)
22A					1	1				D4956-15	WEARSHOE (REPLACES D3535-15 + D3536-15)
23A					1	1				D4956-23	WEARSHOE (REPLACES D3535-23 + D3536-23)
24A					1	1				D4956-37	WEARSHOE (REPLACES D3535-37 + D3536-37)
26A					60	60				MS27039C1-08	SCREW
26B					60	60				NAS1149D0332J	WASHER (OR AN960JD10L)
26C					60					ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
32A	1	1	1	1						D3456-1	WASHER
32B	2	2	2	2						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34	1	1	1	1						AN4C5A	BOLT
35	1	1	1	1						NAS1149C0463R	WASHER (OR AN960C416)
36	1	1	1	1						D3413-1	RING (REPLACES D2655)
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER
40									2	D3414-041	LUG ASSEMBLY (REPLACES D2659)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN960C10)

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Date: 13.08.12